

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. 94-97
(Revised on January 26, 2005)

for

Chevron USA
North State Petroleum
Cross Petroleum

Highway 299
Weaverville

Trinity County

MONITORING

1. The depth to groundwater in all monitoring wells shall be determined to at least 0.01 foot increments quarterly. Elevations shall be reported in tabular form indicating the surveyed elevation of each well referenced point, depth to groundwater from referenced point, and the actual groundwater elevation. Elevation readings must be referenced to mean sea level.
2. Contour maps shall be developed showing groundwater table elevations at each well along with the determination of the groundwater gradient.
3. The detection and thickness of floating product in all monitoring wells shall be determined and reported quarterly.
4. All monitoring wells shall be sampled annually for halogenated volatile organic compounds.
5. Monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-11 and MW-12 shall be sampled quarterly for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, benzene, ethylbenzene, toluene, xylenes, and methyl tertiary butyl ether.
6. Monitoring wells MW-7, MW-9 and MW-10 shall be sampled annually for total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, benzene, ethylbenzene, toluene, xylenes and methyl tertiary butyl ether.

REPORTING

1. Quarterly monitoring reports shall be submitted to this office in accordance with the following schedule:

<u>Reporting Period</u>	<u>Due Date</u>
January, February, March	May 1
April, May, June	August 1
July, August, September	November 1
October, November, December	February 1

2. A groundwater elevation contour map shall be included for each set of measurements and shall include the following:
 - a. location of the facilities;
 - b. location of the monitoring wells;
 - c. location of the former underground tanks; and
 - d. groundwater flow pattern including the direction of the groundwater gradient.
3. A contamination isogram map shall be included for each significant pollutant detected during the monitoring events and shall include the following:
 - a. location of the facilities;
 - b. location of the monitoring wells; and
 - c. location of the former underground tanks.
4. Current and previous analytical results shall be reported in tables which include the following:
 - a. sampling point;
 - b. date of sample collection;
 - c. constituents and analytical results; and
 - d. quantification limits employed for non-detect analytical results.
5. Current and previous remedial system operation and maintenance activities shall be reported in the monitoring reports.
6. Each report shall contain copies of the well purging and sampling field logs; chain of custody documents showing the time and date of collection and person collecting; and signed laboratory sheets including quality control data and explanations of analytical anomalies, if any. These supporting documents may be included as appendices to the report.

7. Monitoring data shall also be submitted electronically to the State Water Resources Control Board's GeoTracker database.

Ordered by _____

Catherine E. Kuhlman
Executive Officer

January 26, 2005